

In the Claims

Please amend the claims as follows:

1. (Original) An apparatus for transferring and tilting a work piece, said apparatus comprising:
 - a transport carriage assembly for motion along a guide track having a limit position; the transport carriage assembly further comprising:
 - a first carriage member, said first carriage member being pivotally connected to a first linkage arm at a first pivot point, and
 - a second carriage member pivotally connected to a second linkage arm at a second pivot point, said first and second linkage arms being pivotally connected to one another at a third pivot point; and,
 - a work piece support coupled with the second carriage member wherein, under a drive force, the transport carriage assembly travels along the guide track, until the second carriage member reaches the limit position, whereupon the first carriage member continues to move, decreasing its relative distance from the second carriage member and simultaneously causing the first linkage arm and the second linkage arm to pivot about the third pivot point, thereby causing the work piece support to tilt.
2. (Original) The apparatus of claim 1 wherein the work piece support includes a load bearing member which is fixed to the second linkage arm.
3. (Original) The apparatus of claim 2 wherein the third pivot point is located beneath the load bearing member.
4. (Original) The apparatus of claim 3 wherein the first carriage member includes a support extension to support the load bearing member in a transfer position.

5. (Original) The apparatus of claim 4 wherein the first and second linkage arms are sloped.

6. (Original) The apparatus of claim 1 further comprising a drive unit for driving the carriage assembly along the guide track.

7. (Original) The apparatus of claim 6 wherein the drive unit includes a drive motor and a transmission portion arranged to displace the carriage members relative to the guide track.

8. (Original) The apparatus of claim 7 wherein the transmission drives the first carriage member.

9. (Original) The apparatus of claim 8 wherein the drive motor is a servo motor.

10. (Original) The apparatus of claim 8 wherein the drive motor is configured to decelerate toward the limit position.

11. (Original) The apparatus of claim 5 wherein, the first end of the load bearing member is rigidly attached to the second linkage arm at a selected angle thereto.

12-28. (Cancelled)